

**ABSTRACT**

An absorbent core for use in an absorbent article is disclosed which has a front pad comprising a two inch diameter circle having substantially as its center the insult point that is capable of absorbing 32 grams or more of an aqueous solution comprising 1.0 weight % sodium chloride after ten minutes of contact with the solution while under a constant restraining pressure of about 0.5 psi. The absorbent core provides improved protection against leakage in an absorbent article containing the core. A method of designing, optimizing, and predicting good leakage protection in an absorbent article is also disclosed.

10